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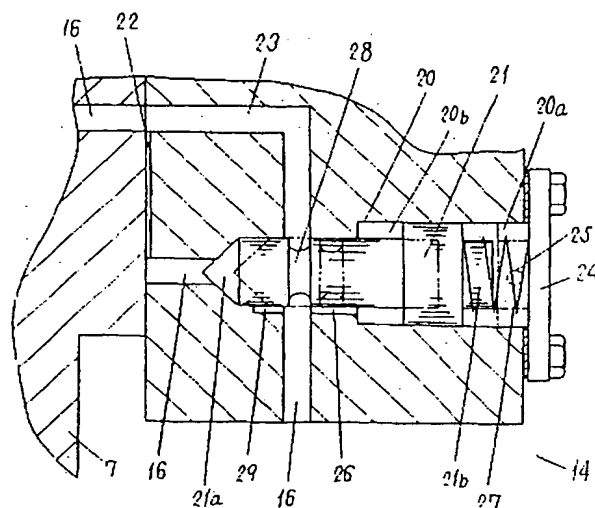
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APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

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TITLE : OIL FEEDING APPARATUS FOR
ROTARY VANE TYPE COMPRESSOR



ABSTRACT : PURPOSE: To prevent the disorder phenomenon of a vane compression disorder phenomenon by forming two passages having different sectional area of the flow passage into an oil feeding passage and properly selecting and allowing the above-described two passages to communicate by a valve body operated by the pressure difference of a compressor.

CONSTITUTION: Since, during the operation of a compressor, the low-pressure fluid is introduced into the first slidable chamber 20a through the first pressure introducing passage 25 and the high-pressure fluid is introduced into the second slidable chamber 20b through the second pressure introducing passage 26, a passage formed onto a valve body 21 cuts-off the communication between an oil feeding passage 16 and the first passage 23. When the compressor stops operation and the pressure difference between the both edges of the valve body 21 reduces, the first passage having a large sectional area of the passage and the oil feeding passage 16 are allowed to communicate by the transfer of the valve body 21, and when restarting is performed in the above-described state, and the pressure difference between the both edges of the valve body becomes a certain pressure or more, lubricating oil flows into the space in the bottom part of the vane from the second passage 22 having a small flow-passage area.

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